

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (original): A storage library for storing storage devices, comprising:
a media drive module having a frame configured to support a media drive, a power supply,
and interface communication electronics; and
a library housing having:
storage bins for storing storage devices,
a mechanism for transferring storage devices, and
an opening for receiving two or more media drive modules.

Claim 2 (original): The storage library of claim 1, wherein the frame includes one or more slots for receiving a media drive.

Claim 3 (original): The storage library of claim 1, wherein the media drive module is configured to include four media drives.

Claim 4 (original): The storage library of claim 1, wherein the media drive module is configured to include two media drives.

Claim 5 (original): The storage library of claim 1, wherein the media drive module is configured to include one media drive.

Claim 6 (original): The storage library of claim 1, wherein the media drive module includes a media drive operable to receive and release a storage device.

Claim 7 (original): The storage library of claim 1, wherein the storage devices include magnetic tape cartridges.

Claim 8 (original): The storage library of claim 1, wherein the media drive includes a magnetic tape drive.

Claim 9 (original): The storage library of claim 1, wherein the media drive module includes one or more power supplies to support the maximum number of media drives that the media drive module may include.

Claim 10 (original): The storage library of claim 1, wherein the media drive module includes interface communication electronics configured to communicate with a library controller.

Claim 11 (original): The storage library of claim 1, wherein the media drive module includes data path bridge/control electronics.

Claim 12 (original): The storage library of claim 1, wherein the library housing includes an open architecture for receiving the media drive module.

Claim 13 (original): A device for modularly adding one or more media drives in a storage library, comprising:

a frame configured to include one or more media drives, a power supply, and interface communication electronics, wherein

the frame includes at least one slot for receiving the one or more media drives,

and

the frame is adapted for modular insertion within a storage library.

Claim 14 (original): The device of claim 13, wherein the frame further includes one or more slots for receiving the interface communication electronics.

Claim 15 (original): The device of claim 13, wherein the frame is further configured to include optional data path bridge/control electronics.

Claim 16 (original): The device of claim 13, wherein the frame is configured to include two media drives.

Claim 17 (original): The device of claim 13, wherein the frame is configured to include four media drives.

Claim 18 (original): The device of claim 13, wherein the frame is configured to include one media drive.

Claim 19 (original): The device of claim 13, wherein the one or more media drives are operable to receive and release storage devices.

Claim 20 (original): The device of claim 13, wherein the storage devices include magnetic tape cartridges.

Claim 21 (original): The device of claim 13, wherein the one or more media drives includes a magnetic tape drive.

Claim 22 (original): The device of claim 13, wherein the frame includes one or more power supplies to support the maximum number of media drives that the frame may include.

Claim 23 (original): The device of claim 13, wherein the interface communication electronics are configured to be in communication with a library controller.

Claim 24 (currently amended): A method for including media drives in a storage library, comprising:

modularly adding a frame to a storage library housing, the frame configured to include a number of media drives, a power supply, and [[an]] interface communications electronics [[board]], wherein

the frame includes at least one slot for receiving the number of drives, and
the power supply and the interface communication electronics are sufficient to support the number of drives.

Claim 25 (original): The method of claim 24, wherein the number of media drives is 4.

Claim 26 (original): The method of claim 24, wherein the number of media drives is 2.

Claim 27 (original): The method of claim 24, wherein the number of media drives is 1.

Claim 28 (original): The method of claim 24, wherein the media drives include magnetic tape drives.

Claim 29 (original): The method of claim 24, wherein the frame is configured to be added to an opening of a storage library system housing.

Claim 30 (original): The method of claim 24, wherein the frame is removable from the storage library housing.

Claim 31 (original): The method of claim 24, further including testing the operation of at least one of the media drives, the power supply, and the interface communication electronics when associated with the frame and before modularly adding the frame to the storage library housing.

Claims 32 (new): The storage library of claim 1, wherein the media drive module does not include a mechanism for transferring storage devices.

Claim 33 (new): The device of claim 13, wherein the frame does not include a mechanism for transferring storage devices.

Claim 34 (new): A method for including media drives in a storage library, comprising:

modularly adding a frame to a storage library housing, the frame including a number of media drives, a power supply, and interface communications electronics, wherein the power supply and the interface communication electronics are sufficient to support the number of drives; and

testing the operation of one or more of the media drives, the power supply, and the interface communication electronics when included with the frame and prior to modularly adding the frame to the storage library housing.

Claim 35 (new): A device for modularly adding one or more media drives to a storage library, comprising:

a frame including one or more media drives, a power supply, and interface communication electronics, wherein

the frame is adapted for modular addition to a storage library, and

the one or more media drives are powered by the power supply and function through the interface communication electronics remotely from the storage library.

Claim 36 (new): The device of claim 35, wherein the one or media drive are adapted to be tested through the interface communication electronics remotely from the storage library.